Index of Claims

| Applica | ition/Co | ntrol No. |
|---------|----------|-----------|
|---------|----------|-----------|

09/945,558

Examiner

Kerri M. Dyke

Applicant(s)/Patent under Reexamination

JONES ET AL.

Art Unit

2667

| → | Rejected |
|----------|----------|
| 11 | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| | |

Restricted

| N | Non-Elected |
|---|--------------|
| 1 | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | ш | | | | | | ı | | | |
|----------|----------------------------------|--------------------------------------|--------------|--------------|--|----------|--------------|----------|--------------|-----------------|--|
| Cla | im | Date | | | | | | | | | |
| Oil | | \vdash | _ | г | | | $\dot{\Box}$ | | | \vdash | |
| Final | Original | 11/9/05 | | | : | | | | | | |
| | 1 | 1 | | | \vdash | | | | | | |
| | 1 2 3 4 5 | 7777 | | | | | | | | | |
| | 3 | 1 | | | | | | | | | |
| | 4 | 1 | | Г | | | | | | | |
| | 5 | | | | | | | | | | |
| | 6 | 777 | | Г | | | | | | | |
| | 7 8 9 | 1 | | | | | | | | | |
| | 8 | 1 | | | | | | | | | |
| | 9 | 1 | | | L | | L. | | | Щ | |
| | 10 11 | 1 | | | | | | | | Щ | |
| | 11 | 0 | | L | _ | | | | | | |
| | 12 | ٧ | | <u> </u> | <u> </u> | Щ | Щ | Ш | | Щ | |
| | 13 | ļ | <u> </u> | <u> </u> | <u> </u> | \vdash | \vdash | Ш | \Box | Ш | |
| | 14 | ļ, | _ | ₩ | ↓ | \vdash | \vdash | Ш | <u></u> | \sqcup | |
| | 15 | ١, | | <u> </u> | <u> </u> | \vdash | <u> </u> | | <u> </u> | $\vdash \vdash$ | |
| | 12 13 14 15 16 17 | 1 | <u> </u> | ├- | | _ | \vdash | Н | \vdash | Н | |
| | 1/ | 7 0 7 0 7 7 7 7 | <u> </u> | ⊢ | \vdash | | | ļ | Ь., | Н | |
| | 18 19 | V | _ | - | ├- | - | _ | | _ | Н | |
| | 19 | ٧, | - | - | ├ | | | _ | <u> </u> | Н | |
| | 20 | ١, | _ | ┞ | ├ | <u></u> | - | <u> </u> | <u> </u> | \vdash | |
| | 21 22 | V | ⊢ | ⊢ | ⊢ | ├ | | - | | Н | |
| | 22 | V V V O O | | ┢ | ├ | - | ┢ | ⊢ | H | Н | |
| | 23 24 25 | <u>`</u> | ┢ | ╁ | \vdash | | \vdash | ⊢ | - | - | |
| | 25 | 0 | \vdash | | \vdash | \vdash | \vdash | \vdash | - | Н | |
| | 26 | V | - | \vdash | - | | | | | | |
| | 26 27 28 | 1 | | | | | | | | | |
| | 28 | 1 | | t | | ┰ | Т | | | | |
| | 29 | V | | | | | | | | | |
| | 29 30 | 0 | | Ι | | | | | | | |
| | 31 32 | 1 1 1 0 V V V | | 匚 | | | | | $oxed{\Box}$ | | |
| | 32 | V | _ | | <u> </u> | \vdash | _ | _ | | <u> </u> | |
| | 33 | ١V | | $oxed{oxed}$ | <u> </u> | <u> </u> | <u></u> | _ | <u> </u> | | |
| | 34 | 1 | L | | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш | |
| | 35 | 14 | \vdash | ₩ | ـــ | \vdash | <u> </u> | ⊢ | ⊢ | \vdash | |
| | 36 | V | - | - | <u> </u> | Ͱ | \vdash | - | - | \vdash | |
| | 37 38 | N | ┝ | 1 | ₩ | \vdash | | ├- | \vdash | H | |
| . | 39 | 77777 | | + | ╁ | \vdash | \vdash | \vdash | \vdash | \vdash | |
| | 40 | +* | \vdash | + | ╁ | ╁ | | \vdash | | \vdash | |
| | 41 | \vdash | ┢ | t | t | t | \vdash | \vdash | \vdash | \vdash | |
| | 42 | ┼┈ | \vdash | t | t | H | Н | | \vdash | \vdash | |
| | 43 | t^{-} | t | t^- | t | H | H | | Н | \vdash | |
| | 44 | \vdash | Г | \vdash | ⇈ | T | T | T | Г | m | |
| | 45 | \vdash | Г | 1 | T | | T | | | | |
| | 46 | Г | Γ | 1 | Τ | \top | Г | | | | |
| | 47 | Γ | | Ι | | | | | | | |
| | 48 | | | | | | | | | | |
| | 49 | | | | | | | | | | |
| | 50 | | | | Г | T | I | I | ī | | |

| laim | | | | | Date | • | | | | | Cla | im | | | | [| ate | • | | | |
|----------|----------|----------|------------|--------------|----------|--------------|--------------|--------------|--------------|---|----------|----------|--|----------|--------------|-------------------|--------------|--------------|--------------|--------------|----------|
| Original | 11/9/05 | | | | | | | | | | Final | Original | | | | | | | | | |
| 1 | 1 | | | | | | | | | | | 51 | | | | | | | | | |
| 2 | 1 | | | | | | | | | | | 52 | | | | | | | | | |
| 3 | 1 | | | _ | | | | | | | | 53 | | | | | | | | | |
| 4 | 1 | | | | | | | | | | | 54 | П | | | | | | | | |
| 5 | 1 | | | | | | | | | | | 55 | | | | | | | | | |
| 6 | 1 | | | | | | | | | | | 56 | П | | | | | | | | |
| 7 | 1 | | | | | | | | | | | 57 | | | | | | | | | |
| 8 | 1 | | | | | | | | | | | 58 | | | | | | | | | |
| 9 | 1 | | | | | | | | |] | | 59 | | | | | | | | | |
| 10 | 1 | | | | | | | | | | | 60 | | | | | | | | | |
| 11 | 0 | | | | | | | | |] | | 61 | | | | | | | | | |
| 12 | ٧ | | | | | | | L | | | | 62 | Ш | | | | | | | | |
| 13 | 0 | | | | | _ | | | <u>L</u> | | | 63 | | | | | | | | | |
| 14 | V | | | | | | | L | L | | | 64 | Ш | | | | | L | <u>_</u> | | Ш |
| 15 | V | | | | | | | | _ | | | 65 | | | | | _ | | | | |
| 16 | 1 | | | | | | | | _ | | | 66 | | | | | | | L | | Ш |
| 17 | V | | | | <u> </u> | | | | L | | | 67 | Ш | | | | | L | L | | Ш |
| 18 | V | | | | | | | | | | | 68 | | | | _ | | | | | Ц |
| 19 | 1 | L | L | <u></u> | | | | | | | L | 69 | Ш | | | | | | 匚 | _ | Ш |
| 20 | 1 | | | | | | | | |] | | 70 | | | | | | L | _ | _ | Ш |
| 21 | 1 | | | | | | L | | |] | | 71 | | | | | | | L | | Ш |
| 22 | 1 | | | | | | | | | | | 72 | | | | | | _ | | | |
| 23 | 1 | | | | | | | <u> </u> | L | | | 73 | | | | | | | | L | |
| 24 | 0 | | | | | | | | L | ļ | | 74 | | | | | | _ | L | | |
| 25 | 0 | | | | | | | | L |] | | 75 | Ш | | | | | <u> </u> | <u> </u> | | Ш |
| 26 | V | L | | 匚 | | | L | | L |] | | 76 | Ш | | | L | 匚 | L | | | |
| 27 | 1 | L | | | | L | <u> </u> | L | |] | | 77 | | | | <u> </u> | L | L | <u> </u> | L | Ш |
| 28 | 1 | | | | | | | | L | | | 78 | Ш | | | L_ | <u> </u> | _ | _ | | Щ |
| 29 | 1 | | | | | _ | L | | L | | | 79 | | | | L. | | ╙ | <u> </u> | | Щ |
| 30 | 0 | | | | L. | _ | | | | 1 | | 80 | | | _ | L_ | _ | <u> </u> | <u> </u> | | Ш |
| 31 | 1 | | | _ | L | <u> </u> | L | | _ |] | | 81 | | | | L | | | <u>_</u> | <u>L</u> | Ш |
| 32 | 1 | | <u> </u> | | L | L | L | L | <u> </u> |] | | 82 | | | _ | _ | | ļ | <u> </u> | _ | Ш |
| 33 | 1 | | | | | L | _ | | | 1 | | 83 | | | | | | ļ | _ | _ | Ш |
| 34 | 1 | L | _ | <u> </u> | L | _ | _ | L | L | Į | | 84 | | | L. | | L | <u> </u> | ┞. | _ | Ш |
| 35 | 1 | ╙ | _ | L | _ | _ | _ | | ╙ | ļ | | 85 | | | | <u> </u> | | | <u> </u> | <u> </u> | Ш |
| 36 | V | | | <u> </u> | | | | _ | L | | | 86 | <u>. </u> | | <u> </u> | _ | | | ļ | | Ш |
| 37 | 1 | <u> </u> | <u> </u> | <u> </u> | ⊢ | <u> </u> | <u> </u> | <u> </u> | \vdash | 1 | <u> </u> | 87 | _ | | <u> </u> | <u> </u> | ┞ | \vdash | <u> </u> | _ | \sqcup |
| 38 | 1 | L | | _ | <u> </u> | <u> </u> | _ | \vdash | \vdash | 1 | <u> </u> | 88 | <u> </u> | | <u> </u> | <u> </u> | _ | ╄ | ـــ | ļ | \sqcup |
| 39 | V | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | 1 | <u> </u> | 89 | lacksquare | | \vdash | $ldsymbol{f eta}$ | _ | | ऻ_ | <u> </u> | |
| 40 | ↓_ | <u> </u> | <u> </u> | ـــــ | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | 1 | <u> </u> | 90 | <u> </u> | | <u> </u> | ╙ | <u> </u> | _ | | | \sqcup |
| 41 | ↓ | <u> </u> | L | ⊢ | <u> </u> | oxdot | <u> </u> | <u> </u> | \vdash | 1 | L | 91 | | _ | _ | <u> </u> | | | ├- | ├ | Н |
| 42 | _ | <u> </u> | _ | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ┞- | 1 | <u> </u> | 92 | ļ., | _ | _ | _ | ┞ | ╙ | ├_ | ! — | Ш |
| 43 | \vdash | <u> </u> | <u> </u> | Ь | ┞ | ┞ | ऻ_ | ┞ | | 1 | <u></u> | 93 | igspace | L. | ┞ | <u> </u> | | ₩ | | ⊢ | Н |
| 44 | | \vdash | ! | <u> </u> | ₩. | <u> </u> | <u> </u> | 1 | 1 | - | | 94 | | _ | | <u> </u> | \vdash | \vdash | ـ | | Н |
| 45 | ↓_ | ↓_ | _ | ┡ | ₩ | ⊢ | <u> </u> | ↓ | <u> </u> | 1 | <u> </u> | 95 | | <u> </u> | <u> </u> | <u> </u> | | ├ | | \vdash | Н |
| 46 | ↓_ | <u> </u> | <u> </u> | ⊢ | ├ | <u> </u> | L | ļ., | <u> </u> | 1 | | 96 | ļ., | | <u> </u> | _ | ┞- | | \vdash | \vdash | Ш |
| 47 | 1 | _ | _ | | | ├ | \vdash | \vdash | ₩ | 1 | <u> </u> | 97 | Ь. | <u> </u> | <u> </u> | <u> </u> | ₽- | ₩ | - | ├ | Ш |
| 48 | 1 | \vdash | <u> </u> | ـــ | ⊢ | ⊢ | ├ | | ₩. | 4 | | 98 | | <u> </u> | <u> </u> | <u> </u> | \vdash | | - | \vdash | Н |
| 49 | 1 | ⊢ | <u> </u> | ₩ | ├ | | | ⊢ | ₽- | ł | <u> </u> | 99 | - | <u> </u> | <u> </u> | <u> </u> | ├ | 1 | | \vdash | \vdash |
| 50 | <u></u> | | L_ | <u></u> | <u> </u> | <u> </u> | <u> </u> | L | L | J | L | 100 | L | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | l | _ | Ш |

| Cla | Date | | | | | | | | | |
|--|--|------------|--------------|--|--|--|--------------|--|--|-----------|
| | _ | | | | | | | | | |
| ā | Original | | | | | | | | | |
| Final | Ē | | | | | | | | | |
| | 0 | | | | | | | | | |
| | 101 | _ | | - | | Н | | | | |
| | 102 | | | ┢ | | Н | | | | \neg |
| | 103 | | | - | | H | | | \vdash | \dashv |
| | 101 102 103 104 105 106 | | - | - | H | - | | | | \exists |
| | 105 | - | | | | \vdash | | | _ | \vdash |
| | 106 | | | | \vdash | | _ | | _ | Н |
| | 107 | | | | \vdash | \vdash | | - | - | - |
| | 107 | _ | - | \vdash | - | \vdash | _ | - | H | \dashv |
| <u> </u> | 108 109 | _ | ┞ | ⊢ | - | | _ | - | | \dashv |
| | 110 | - | ├─ | ⊢ | - | - | | | | \vdash |
| | 111 | ┢ | _ | ┢ | - | - | | - | - | \vdash |
| ├ | 111 | - | ⊢ | ├ | - | \vdash | - | | \vdash | |
| - | 112 | \vdash | ⊢ | ╁ | - | | _ | | Н | \vdash |
| | 113 | \vdash | ┢ | \vdash | \vdash | - | | | \vdash | \dashv |
| - | 115 | - | - | ┼ | | | - | <u> </u> | | \dashv |
| - | 116 | \vdash | | ╁ | - | - | _ | | \vdash | \vdash |
| | 117 | \vdash | t | ╁ | \vdash | +- | | | | H |
| | 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 | | H | T | \vdash | \vdash | | | | Н |
| | 119 | | | T | T | Т | _ | \vdash | | Н |
| | 120 | | | \vdash | | <u> </u> | | | \vdash | |
| | 121 | _ | | | T | | | | Г | |
| | 122 | | | | | | | | | П |
| | 123 | | | | | | | | | |
| | 124 | | | | | | | | | |
| | 125 | <u> </u> | _ | L | _ | _ | <u> </u> | _ | <u> </u> | Ш |
| | 126 | - | | ⊢ | ⊢ | ┡ | _ | <u> </u> | - | Н |
| | 127 | ⊢ | ⊢ | ⊢ | ⊢ | | ⊢ | ⊢ | - | Н |
| | 120 | ├ | ├ | ╫ | ⊢ | ┢ | ⊢ | ⊢ | - | \vdash |
| | 129 | - | ┢ | ╁ | ⊢ | ⊢ | ⊢ | - | | \vdash |
| | 130 | - | \vdash | ┼- | ├ | ├ | _ | | | \vdash |
| | 131 | ├ | ┝ | ╁ | ├ | ├- | \vdash | ┢ | | Н |
| - | 132 133 | | | ╀╌ | ├ | ├ | ⊢ | - | \vdash | Н |
| <u> </u> | 134 | - | | \vdash | \vdash | - | \vdash | | \vdash | \vdash |
| | 135 | \vdash | \vdash | ┢ | \vdash | | - | \vdash | \vdash | Н |
| | 135 136 137 | \vdash | \vdash | 1 | \vdash | \vdash | | | | Н |
| | 137 | \vdash | \vdash | + | | \vdash | | | | Н |
| | 138 | \vdash | \vdash | + | | 1 | | - | \vdash | \vdash |
| | 138 139 | \vdash | t | t | \vdash | \vdash | | \vdash | t | H |
| | 140 | \vdash | T | T | 1 | t^{-} | t | Т | t | H |
| | 140 141 | | | 1 | Ĺ | | | | | |
| | 142 | | | | | | | | | |
| | 143 | | | | | | | \Box | 匚 | |
| | 144 | | Ĺ | | | <u> </u> | | <u> </u> | \perp | Ш |
| <u> </u> | 145 | lacksquare | <u> </u> | ↓_ | ـ | 1 | \vdash | | _ | |
| | 146 | | <u> </u> | ـ | \vdash | \vdash | \vdash | <u> </u> | ┞ | |
| | 147 | \vdash | \vdash | \vdash | | | | - | | \vdash |
| | 148 | ⊬ | ⊢ | ╁ | | \vdash | \vdash | \vdash | \vdash | \vdash |
| <u> </u> | 149 150 | - | - | ╀ | ┢ | +- | ⊢ | \vdash | ┢ | |
| Щ. | 1100 | <u></u> | <u> </u> | 1 | <u> </u> | <u></u> | <u></u> | <u> </u> | L_ | L_ |